

Soldering Nest Provided in a Bus Bar

Abstract

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A soldering nest provided in a bus bar, having an aperture for the introduction of a terminal lead (40) to be soldered thereinto, and the introduction of the terminal lead may be effected from a first surface plane of the bus bar (10) and soldering may be effected from a second, opposite surface plane of the bus bar (10). The aperture is formed by a conical bore (20) which is perpendicular or approximately perpendicular to the surface plane of the bus bar (10) and whose cone angle is at least 30°. The apex of the conical bore (20) is oriented toward the first surface plane of the bus bar (10), and the conical bore (20) terminates in a circular aperture (21) whose diameter is slightly greater than the diameter of the terminal lead (40).

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Representative Figure: Figure 2